

ABSTRACT OF THE DISCLOSURE

A microelectronic device includes a substrate, a variable capacitor including a driving mechanism for varying capacitance stored by a pair of electrodes formed in a main surface of the substrate, a plurality of fixed capacitors having fixed capacitance stored by a plurality of pairs of electrodes formed in an opposite side of the main surface, wiring for electrically connecting the variable capacitor and the fixed capacitors, and switches disposed in the main surface of the substrate to electrically connect the variable capacitor and a capacitor or capacitors selected from the plurality of fixed capacitors.